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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/730,653	12/05/2000	Bill Thomas	10002479-1	9279

7590 10/04/2004
HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

TRUONG, CAMQUY

ART UNIT PAPER NUMBER

2127

DATE MAILED: 10/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/730,653	THOMAS ET AL.	
	Examiner	Art Unit	
	Camquy Truong	2127	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 December 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-20 are presented for examination.
2. The Drawing is objected to because figure 1 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.
3. Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Miller et al (U.S. Patent 5,754,855) in the view of Applicant Admitted Prior Art (AAPA).

As to claim 1, Miller teaches the invention substantially as claimed including: the method comprising:

Searching for a watermark event related to the specified event type and specified requestor (col. 9, lines 44-65; col.10, lines 23-25; col. 13, lines 1-16 and lines 34-38);

When a related watermark event is found, using a value stored within the watermark to select an event at which to begin searching the event log for events of the specified type for the specified requestor (col. 8, lines 29-42; col.13, lines 56-61, lines 34-38 and lines 56-62);

When a related watermark event is not found, using a value event at which to begin searching the event log for events of the specified type to report to the specified requestor (col. 2, lines 28-34; col. 15, lines 6-10); and

Searching the event log starting at the selected event to find events of the specified type (col. 8, lines 29-42; col. 13, lines 56-65, lines 34-38 and lines 56-62).

4. Miller does not explicitly teach receiving a request for a report of events. However, AAPA teaches receiving a request for a report of events (page 3, lines 13-24). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teaching of Miller and AAPA because AAPA's receiving a request for a report of events would improve event logging and reporting mechanisms within specialized network device (SND) to provide a more flexible and robust event reporting interface for use by SND administration.

5. As to claim 14, the reporting system comprising:

AAPA teaches a non-volatile memory component (page 2, lines 20-21);

Miller teaches an event log stored within the memory component that sequentially stores event (col.4, lines 46-56); and event logic that stored watermark event to note the extent of a first search for events to a specified event and that subsequently accesses the stored watermark event to identify a location within the event log to begin a second search for events to the specified event requestor (col.7, lines 56-62; col. 8, lines 29-42; col. 9, lines 44-49; col. 13, lines 1-16 and lines 60-61).

6. As to claim 2, Miller teaches searching for a watermark event related to the specified event type and specified requestor (col. 9, lines 44-65; col. 10, lines 23-25; col. 13, lines 1-16 and lines 34-38) further includes:

Selecting an event most recently logged in the event log as a first event (col. 13, lines 10-12);

Starting with the selected first event and preceding sequentially towards the least recently logged event, sequentially selecting each event as a candidate event (col.6, lines 41-42; col. 8, lines 29-42; col. 13, lines 1-16);

When the selected candidate event is a watermark event with an event type field containing an indication of the specified event type and a requestor field containing an indication of the specified requestor, returning the selected

candidate watermark event as a positive search result (col. 8, lines 29-42; col.13, lines 56-61, lines 34-38 and lines 56-62); and

When the selected candidate event is not a watermark event with an event type field containing an indication of the specified event type and a requestor field containing an indication of the specified requestor, returning the selected candidate watermark event as a negative search result (col. 2, lines 28-34; col. 15, lines 6-10).

7. As to claims 3-7, Miller teaches the value stored within the watermark used to select an event at which to begin searching the event log for events of the specified type to the specified requestor is a relative offset from the watermark to the selected event at which to begin searching the event log (col. 8, lines 29-42; col.13, lines 56-61, lines 34-38 and lines 56-62).

8. As to claims 8-9, Miller teaches the final event is most recently logged event in the event log (col. 5, lines 41-43; col. 13, lines 10-12).

9. As to claim 10, Miller teaches following searching the event log starting at the selected event to find and report events of the specified type, a new watermark event including indications of the specified event type and specified requestor is inserted into the event log (col.7, lines 56-62; col. 8, lines 29-42; col. 9, lines 44-49; col. 13, lines 1-16).

10. As to claims 11-13, Miller teaches the new watermark includes a relative offset to a next event in the event log following a last event (col. 8, lines 29-42; col.13, lines 56-61).

11. As to claim 15, AAPA teaches the non-volatile memory component is selected from among a flash memory and electronic erasable programmable read-only memory (page 2, lines 7-11).

12. As to claims 16-20, Miller teaches the event log is a table of entries, each entry representing a single logged event and containing a field that identifies the type of event represented by the entry (col. 7, lines 56-66; col. 8, lines 15-16 and lines 29-42).

Conclusion

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Camquy Truong whose telephone number is (571) 272-3773. The examiner can normally be reached on 8:00Am – 5:00Pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on 571-272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3756.

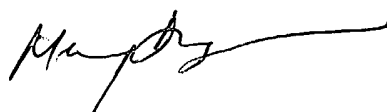
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for

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published applications may be obtained from either Private PAIR or Public PAIP. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIP system, contact the Electronic Business Center (EBC) at 866-217-9197(toll-free).

Camquy Truong

September 22, 2004



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